Notice of Allowability	Application No.	Applicant(s)
	09/820,509	HUANG ET AL.
	Examiner	Art Unit	
	Tammy T. Nguyen	2144	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *the amendment filed on April 26, 2007*.

2. ☒ The allowed claim(s) is/are *1-5, 11-15, and 21-25, (New claims 1-15)*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

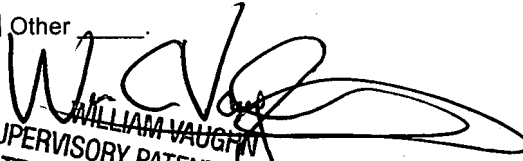   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

     1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

     Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

UNITED STATES PATENT AND TRADEMARK OFFICE

EXAMINER'S AMENDMENT

1.　　　An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2.　　　Authorization for this examiner's amendment was given in a telephone interview with Mr. Eric A. Stephenson (reg.38,321) on July 10, 2007.

3.　　　The applicant has been amended as follow:

　　　　1. (Currently amended) A method for synchronizing a computing device to a server, comprising:

　　　receiving a record extraction sequence ID from the server;

　　　comparing the received record extraction sequence ID from the server with a record extraction sequence ID obtained during a prior synchronization;

　　　rolling back all transactions on the computing device that occurred since the prior synchronization;

extracting a first record from a database that has changed since the prior synchronization and that is relevant to the computing device if the record extraction sequence ID matches the previously obtained record extraction sequence ID;

extracting a second record from the database that has changed since the prior synchronization and that is relevant to the computing device if the record extraction sequence ID matches the previously obtained record extraction sequence ID;

an act of extracting all records from a database that are relevant to the handheld device if the record extraction sequence ID does not match the previously obtained record extraction sequence ID;

importing the extract first and second records after rolling back all transactions of the computing device that occurred since the prior synchronization.

2. (Original) The method of claim 1, further comprising: logging-in to the server from the computing device, wherein the computing device is a handheld device; and retrieving a persistent node ID form the server for the handheld device.

3. (Original) The method of claim 2, further comprising: retrieving one or more views form the server that are not already on the handheld device; and retrieving one or more business objects from the server that are not already on the handheld device.

4. (Original) The method of claim 3, further comprising: processing transaction on the server; and retrieving one or more events from the server that are already on the handheld device.

5. (Original) The method of claim 4, further comprising: retrieving a personal digital assistant (PDA) repository associated with the handheld device the server.

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Currently amended) A system to synchronize a handheld device and a server,

comprising:

means for receiving a record extraction sequence ID from the server;

means for comparing the received record extraction sequence ID from the server

with a record extraction sequence ID obtained during a prior synchronization;

means for rolling back all transactions on the computing device that occurred

since the prior synchronization;

means for extracting a first record from a database that has changed since the

prior synchronization and that is relevant to the computing device if the record extraction

sequence ID matches the previously obtained record extraction sequence ID;

means for extracting a first and second records from the database that have

changed since the prior synchronization and that is relevant to the handheld device if the

record extraction sequence ID matches the extraction sequence ID obtained during the

prior synchronization;

means for an act of extracting all records from a database that are relevant to the

handheld device if the record extraction sequence ID does not match the previously

obtained record extraction sequence ID;

means for importing the extract first and second records after rolling back all transactions of the computing device that occurred since the prior synchronization.

12. (Original) The method of claim 1, further comprising: logging-in to the server from the handheld device; and means for retrieving a persistent node ID form the server for the handheld device.

13. (Original) The method of claim 2, further comprising: means for retrieving one or more views form the server that are not already on the handheld device; and means for retrieving one or more business objects from the server that are not already on the handheld device.

14. (Original) The method of claim 3, further comprising: means for processing transaction on the server; and means for retrieving one or more events from the server that are already on the handheld device.

15. (Original) The method of claim 4, further comprising: means for retrieving a personal digital assistant (PDA) repository associated with the handheld device the server.

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Currently amended) A computer-readable storage medium having stored thereon a plurality of instructions, said plurality instructions when executed by a

computer, cause said computer to perform a method to synchronize a handheld device to a server, comprising:

receiving a record extraction sequence ID from the server;

comparing the received record extraction sequence ID from the server with a record extraction sequence ID obtained during a prior synchronization;

rolling back all transactions on the computing device that occurred since the prior synchronization;

extracting a first record from a database that has changed since the prior synchronization and that is relevant to the computing device if the record extraction sequence ID matches the previously obtained record extraction sequence ID;

extracting a second record from the database that has changed since the prior synchronization and that is relevant to the computing device if the record extraction sequence ID matches the previously obtained record extraction sequence ID;

an act of extracting all records from a database that are relevant to the handheld device if the record extraction sequence ID does not match the previously obtained record extraction sequence ID;

importing the extract first and second records after rolling back all transactions of the computing device that occurred since the prior synchronization.

22. (Original) The computer-readable storage medium of claim 21, wherein the method further comprising: logging-in to the server from the handheld device; and retrieving a persistent node ID form the server for the handheld device.

23. (Original) The computer-readable storage medium of claim 22, wherein the method further comprises: retrieving one or more views form the server that are not already on the handheld device; and retrieving one or more business objects from the server that are not already on the handheld device.

24. (Original) The computer-readable storage medium of claim 23, wherein the method further comprises: processing transaction on the server; and retrieving one or more events from the server that are already on the handheld device.

25. (Original) The computer-readable storage medium of claim 24, wherein the method further comprises: retrieving a personal digital assistant (PDA) repository associated with the handheld device the server.

26. (Cancelled)

27. (Cancelled)

28. (Cancelled)

29. (Cancelled)

30. (Cancelled)

31. (Cancelled).

4.   The following is an examiner's statement of reasons for allowance:

In interpreting the claims, in light of the specification and the applicant's arguments filed on April 26, 2007 the examiner finds the claimed invention to be patentably distinct from the prior art of record.

5.   Littleton et al., (US 2003/0023759), teaches a system related method are described for

synchronizing information on a handheld computer with information on a database maintained

by a server. The handheld computer includes a first application program to maintain a first

database and a second application program to enable a user to access the first database and

change records in the first database according to features selected by the user. The system also

includes a synchronization program running on a host computer system to synchronization the

first database on the handheld computer with a server database.

7.   However, the prior art of record fails to teach or suggest a method for

synchronizing a computing device to a server, comprising: receiving a record extraction

sequence ID from the server; comparing the received record extraction sequence ID from the

server with a record extraction sequence ID obtained during a prior synchronization; rolling back

all transactions on the computing device that occurred since the prior synchronization; extracting

a first record from a database that has changed since the prior synchronization and that is

relevant to the computing device if the record extraction sequence ID matches the previously

obtained record extraction sequence ID; extracting a second record from the database that has

changed since the prior synchronization and that is relevant to the computing device if the

record extraction sequence ID matches the previously obtained record extraction sequence ID;

an act of extracting all records from a database that are relevant to the handheld device if the

record extraction sequence ID does not match the previously obtained record extraction sequence

ID; importing the extract first and second records after rolling back all transactions of the

computing device that occurred since the prior synchronization as set forth in independent claims

1, 11, and 21 . Claims 2-5, 12-15, and 22-25 are allowed because of the combination of other

limitations and the limitation listed above.

8.   The examiner finds the Applicant's arguments on pages 11-12 of the Remarks

filed on April 26, 2007 to be persuasive. The applicant argued in substance that the prior art of

record fail to disclose the feature of the invention. Also see specification, pages 15-16 and pages

18-19.

9.   Any comments considered necessary by applicant must be submitted no later than

the payment of the issue fee and, to avoid processing delays, should preferably accompany the

issue fee. Such submission should be clearly labeled "Comments on Examiner's Amendment".

10.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Tammy T. Nguyen whose telephone number is 571-272-3929.

The examiner can normally be reached on Monday - Friday 8:30 - 5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, *William Vaughn* can be reached on 571-272-3922. The fax phone number for the

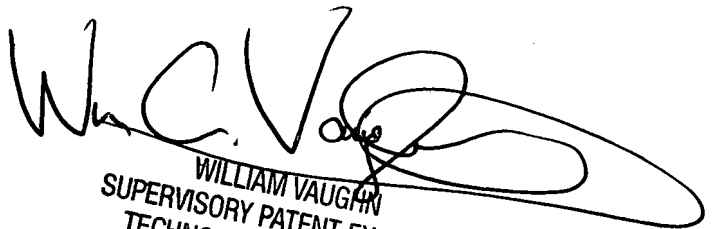organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

TN

July 16, 2007

WILLIAM VAUGHN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100